



SAVITA RANI

Field of research:

Solar Filaments : Erupation and Associated Phenomenon

Name of institute:

D.S.B Campus, Kumaun University ,Nainital

Pursuing degree:

Completed degree (in descending order):

B.Sc (PCM) , M.Sc(Physics), and doing P.hd for Solar Physics

Trainings Taken (in descending order):

No

Publications (in descending order):

No

Oral presentation (in descending order):

No

Poster presentations (in descending order):

No

Schools/Workshops Attended (in descending order):

Participated in **National Seminar** on ``Solar Physics – Space Science’’
December 27th & 28th, 2014 at **M. B. Govt.P. G. College, Haldwani, Nainital,**
UTTARAKHAND

Attended the “Introduction to Space Weather Concepts and Tools” January 24 – 29 , 2016 at Goa.(SSW COSPAR 2016 conference and school, Goa, India.)

Purpose of study in the research field (in 1000 words):

Write Here

It is crucial to understand the solar filament eruptions and its role in solar flare trigger Mechanics. According to standard solar flare modal after the filament eruption the flare is triggerd. This standard model can eruption some of the observational features , Such of formation and separation of flare ribbons. This modal can not explain the trigger mechanics for the filament eruption . Therefore It is still debatapal to explain the iniation of eruption and its association with solar flare.

We will focus our study to see the relation between these two phenomena.

Other details:

Awards & Honour (i.e.NET/SLAT/JEST/GATE/Any equivalent):

CSIR JRF -NET

Any other examinations (i.e. IELTS/TOFEL/ any equivalent)

No

Computer Operating and/or Programming Skill:

IDL Computer operating

Language Skill

English , Hindi

Permanent communication address:

M.B.Inter college,Haldwani

P.O- Bhotia Parao

Uttarakhand

Secondary communication address:

M.B.Inter college,Haldwani

P.O- Bhotia Parao

Uttarakhand

Permanent e-mail address:

savita.rani.hld@gmail.com

Secondary e-mail address:

indresh.nicky@gmail.com

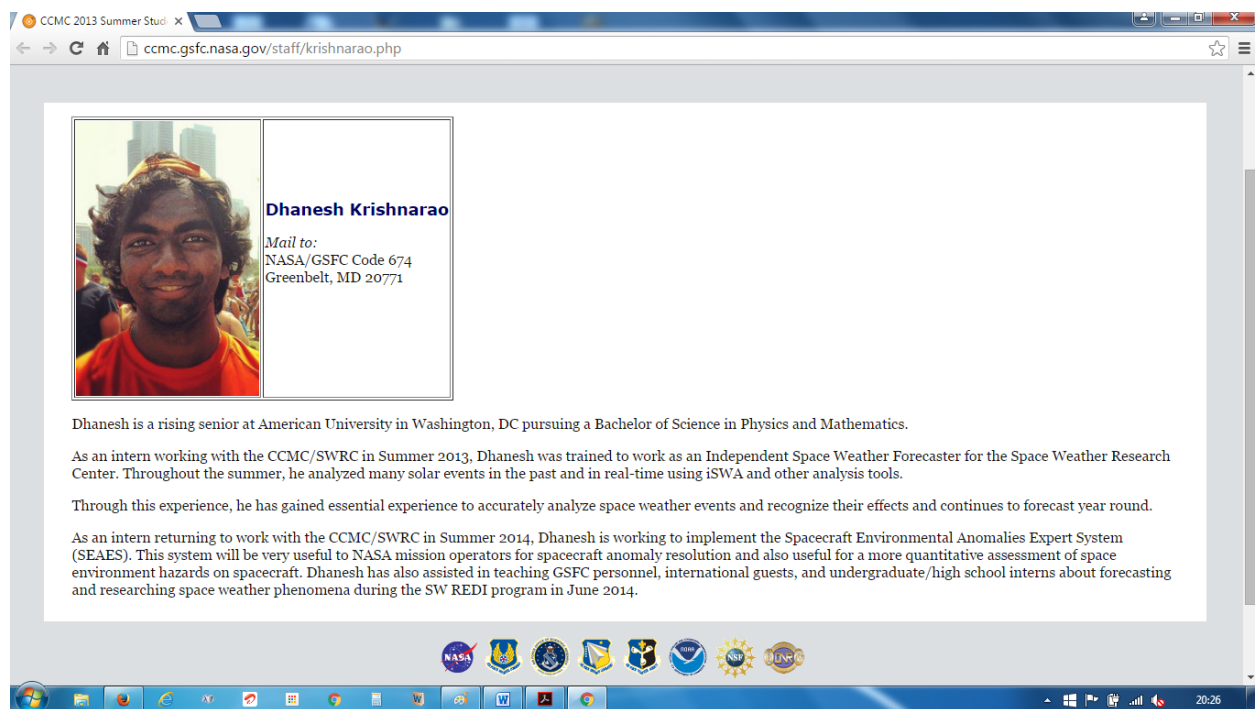
Permanent contact number:

+919927662084

Secondary contact number:

+919634147864

Write here as mentioned on ccmc.gsfc.nasa.gov/staff/krishnarao.php



The screenshot shows a web browser window with the address bar displaying ccmc.gsfc.nasa.gov/staff/krishnarao.php. The page content includes a profile for Dhanesh Krishnarao, featuring a photo of a young man with curly hair and a red shirt. To the right of the photo, the text reads: **Dhanesh Krishnarao**, *Mail to:* NASA/GSFC Code 674, Greenbelt, MD 20771. Below the photo and contact information, there are three paragraphs of text describing his background and work experience at NASA/GSFC. The browser's taskbar at the bottom shows various application icons and the system clock indicating 20:26.

Dhanesh Krishnarao
Mail to:
NASA/GSFC Code 674
Greenbelt, MD 20771

Dhanesh is a rising senior at American University in Washington, DC pursuing a Bachelor of Science in Physics and Mathematics.

As an intern working with the CCMC/SWRC in Summer 2013, Dhanesh was trained to work as an Independent Space Weather Forecaster for the Space Weather Research Center. Throughout the summer, he analyzed many solar events in the past and in real-time using iSWA and other analysis tools.

Through this experience, he has gained essential experience to accurately analyze space weather events and recognize their effects and continues to forecast year round.

As an intern returning to work with the CCMC/SWRC in Summer 2014, Dhanesh is working to implement the Spacecraft Environmental Anomalies Expert System (SEAES). This system will be very useful to NASA mission operators for spacecraft anomaly resolution and also useful for a more quantitative assessment of space environment hazards on spacecraft. Dhanesh has also assisted in teaching GSFC personnel, international guests, and undergraduate/high school interns about forecasting and researching space weather phenomena during the SW REDI program in June 2014.